

**Abstract of the Disclosure****Method of Virtualizing I/O Resources In A Computer System**

A method of virtualizing hardware resources in a multiprocessor computing environment is provided. Each resource is provided a resource address. A hardware resource map is provided to store virtual resource addresses and physical resource addresses. Remapping hardware is utilized to redirect virtual addresses to physical addresses. The method of virtualizing hardware resources may be applied to any resource mapped across the bus, including memory address space, and I/O address space. Accordingly, the method of virtualizing hardware resources through platform firmware enables dynamic routing of resource accesses during run-time.

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